

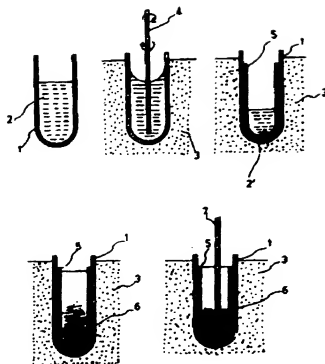
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APPLICANT : SNOW BRAND MILK PROD CO LTD;

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TITLE : PREPARATION OF FROZEN FOOD
 HAVING TRANSPARENT ICE SHELL



ABSTRACT : PURPOSE: To obtain a product of such a form as to fill a frozen food in a transparent ice shell, by freezing water contained in an ice making container while giving a turning or rising current to the water, forming the ice shell thereon, and filling a raw material for the frozen food in the shell, and freezing the raw material.

CONSTITUTION: A deionized water 2 having a specific resistance $\geq 50,000\Omega\cdot\text{cm}$ is contained in an ice making container 1 (Fig. a), and the container 1 is then dipped in a refrigerant 3. The water 2 in the container 1 is quickly cooled while stirred by a stirrer 4 (Fig. b). A transparent ice shell 5 is formed on the inner wall of the container 1 (Fig. c), and a raw material 6 for a frozen food, e.g. ice cream, bean jam or fruit juice, is filled in the shell 5 (Fig. d). When the freezing of the raw material 6 for the frozen food proceeds to some extent, an ice stick 7 is inserted therein (Fig. e) to freeze the raw material 6 completely.

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